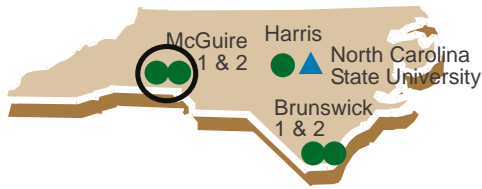
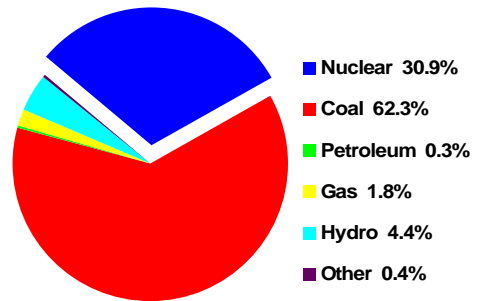


# NORTH CAROLINA



- Operating Reactors = 5 at 3 sites
- Commercial Dry Storage Sites
- ▲ Operating Research Reactors = 1 at 1 site

**2004 Electricity Generation Mix<sup>1</sup>**  
(includes utilities and independent power producers)

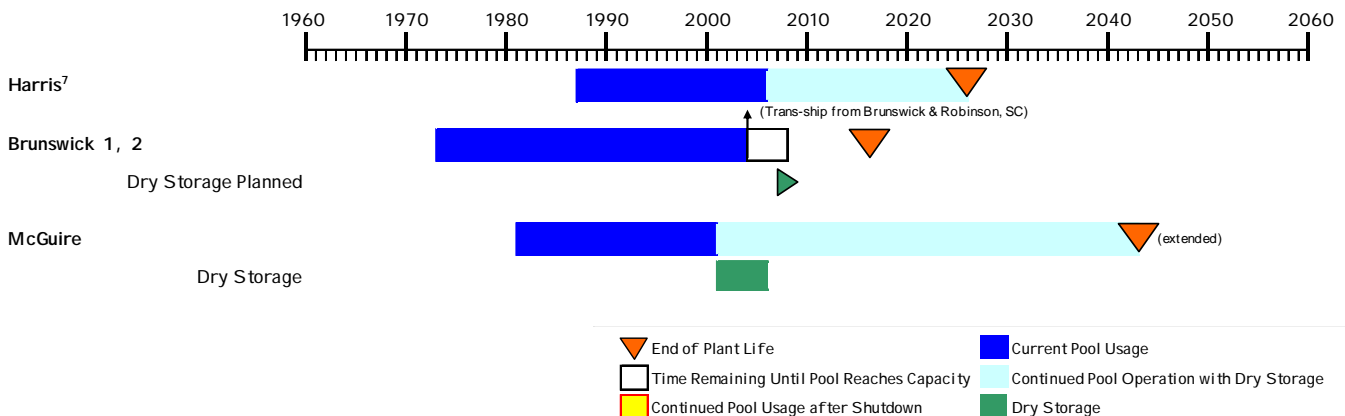


FACILITY	OWNER	LICENSE PERIOD	PLANT OUTPUT/TYPE <sup>2</sup>
NC State	North Carolina State University		Pulstar
Harris	Progress Energy Carolina <sup>3</sup>	1987-2026 <sup>4</sup>	900 MWe/PWR
Brunswick 1	Progress Energy Carolina <sup>3</sup>	1976-2016 <sup>5</sup>	900 MWe/BWR
Brunswick 2	Progress Energy Carolina <sup>3</sup>	1974-2014 <sup>5</sup>	872 MWe/BWR
W. B. McGuire 1	Duke Power Co. <sup>6</sup>	1981-2041 <sup>7</sup>	1100 MWe/PWR
W. B. McGuire 2	Duke Power Co. <sup>6</sup>	1983-2043 <sup>7</sup>	1100 MWe/PWR

## SPENT NUCLEAR FUEL INVENTORIES

Cumulative spent fuel (projected as of end-2005, per 2002 RW-859): **2,399 MTU**  
amount currently in dry storage: **242 MTU**

## SPENT FUEL STORAGE STATUS



## NUCLEAR WASTE FUND

Cumulative payments as of December 31, 2005: **\$707 million**

<sup>1</sup> Data for Electricity Net Generation Mix from Electric Power Monthly, Tables 1.7.B-1.14.B [DOE/EIA-0226 (2005/03)]. Values for 2004 are estimated based on a sample.  
<sup>2</sup> Data for Plant Output/Type from NRC Information Digest (NUREG-1350, Vol. 17, 2005) and are based on Net Maximum Dependable Capacity (MDC).  
<sup>3</sup> Merger of FPC with Carolina Power & Light closed on December 1, 2000 to form Progress Energy: William Cavanaugh, President, and CEO.  
<sup>4</sup> Operating license renewal application planned for Harris in 2006.  
<sup>5</sup> Operating license renewal application submitted for Brunswick 1 & 2 in October 2004.  
<sup>6</sup> Owned by Duke Energy Corporation. Paul M. Anderson, Chairman and CEO  
<sup>7</sup> NRC approved 20-year license extensions for McGuire 1 & 2 in December 2003.  
<sup>8</sup> Harris has 4 pools licensed to store both BWR & PWR SNF. SNF from Brunswick and Robinson (SC) is trans-shipped for storage in the Harris pools.